Bruhat Bangalore Mahanagara Palike

Name of Work:Improvements to Roads and Drains at Nanjappa Layout Main Road, Cross Roads, Rammanna Garden and Surrounduing araes in Ward No.14 (Vidyaranyapura)

Modified Schedule - B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	Removing and resetting of footpath slab	Sqm	853.13	246.63	Rupees Two Hundred Forty Six And Paise Sixty Three Only
	Above 125%	Sqm	99.71	246.63	Rupees Two Hundred Forty Six And Paise Sixty Three Only
2	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and	Cum	496.69	214.73	Rupees Two Hundred Fourteen And Paise Seventy Three Only
	Above 125%	Cum	71.60	214.73	Rupees Two Hundred Fourteen And Paise Seventy Three Only
3	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required	Cum	0.00	6411.82	Rupees Six Thousand Four Hundred Eleven And Paise Eighty Two Only
4	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	0.00	6259.43	Rupees Six Thousand Two Hundred Fifty Nine And Paise Forty Three Only

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
5	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification	Sqm	0.00	274.76	Rupees Two Hundred Seventy Four And Paise Seventy Six Only
6	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical	Cum	0.00	6612.69	Rupees Six Thousand Six Hundred Twelve And Paise Sixty Nine Only
7	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other	Cum	21.34	7234.25	Rupees Seven Thousand Two Hundred Thirty Four And Paise Twenty Five Only
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Tn	0.00	106405.33	Rupees One Lakh(s) Six Thousand Four Hundred Five And Paise Thirty Three Only
9	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, copmplete	Sqm	64.62	2174.56	Rupees Two Thousand One Hundred Seventy Four And Paise Fifty Six Only

Sr. No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
10	Providing and Fixing pre cast Covering Slab 230mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete. As per Engineer incharge	Sqm	18.00	5286.33	Rupees Five Thousand Two Hundred Eighty Six And Paise Thirty Three Only
11	Earth work in surface Excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools	Cum	284.38	75.04	Rupees Seventy Five And Paise Four Only
	Above 125%	Cum	11.72	75.04	Rupees Seventy Five And Paise Four Only
12	Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and	Cum	296.09	2763.75	Rupees Two Thousand Seven Hundred Sixty Three And Paise Seventy Five Only
13	Providing and applying Primer Coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical	Sqm	1184.36	48.49	Rupees Forty Eight And Paise Forty Nine Only
14	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required	Cum	71.10	10550.52	Rupees Ten Thousand Five Hundred Fifty And Paise Fifty Two Only

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				In Figures	In Words
	Above 125%	Cum	34.06	10550.52	Rupees Ten Thousand Five Hundred Fifty And Paise Fifty Two Only
15	Providing and applying Tack Coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	3735.97	16.16	Rupees Sixteen And Paise Sixteen Only
16	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers	Cum	146.02	12249.87	Rupees Twelve Thousand Two Hundred Forty Nine And Paise Eighty Seven Only
17	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The	Sqm	144.88	551.83	Rupees Five Hundred Fifty One And Paise Eighty Three Only
18	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3)	Cum	710.76	85.43	Rupees Eighty Five And Paise Forty Three Only
	Above 125%	Cum	153.63	85.43	Rupees Eighty Five And Paise Forty Three Only
19	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km	T.Km	909.78	121.22	Rupees One Hundred Twenty One And Paise Twenty Two Only
	Above 125%	T.Km	196.64	121.22	Rupees One Hundred Twenty One And Paise Twenty Two Only

Executive Engineer,
Byatarayanapura Division,
BBMP Bangalore